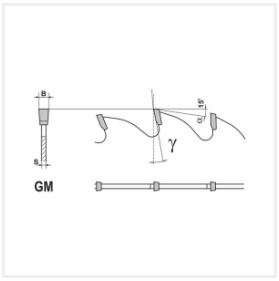
# PS450 Saw blades ALUEX -Grooving- for grooving and slotting of aluminum, non-ferrous metals and PVC




## Features - benefits

specially designed type and geometry of the teeth allows to obtain high productivity and proper surface after cutting
properly selected grade of HM plate ensures long tool lifetime
saw blade disc made of heat-treated tool steel guarantees stable cutting process
produced on individual customers? order after providing basic data like tool dimensions, according to technical drawing or working parameters of the processed material
rake angle depends on the depth of the groove and the hardness of the processed material (in case of grooving saw blades the most common rake angle is +5 degrees)

## Application

saw blades for rectangular grooves slotting in aluminum, non-ferrous metals and plastics
sintered carbide thickness adjusted to the width of the slotted groove
number of teeth is selected depending on the depth of the slotted groove
while selecting a proper saw blade you should consider the number of teeth (tooth pitch), the harder the processed material the smaller pitch (the greater number of teeth)
in order to obtain the best possible surfaces, it is necessary to apply the correct pressure (clamping) to the material during cutting - the workpiece/piece should be immobilised in clamping, e.g. pneumatic, hydraulic, mechanical, etc.

| Catalogue | Index | ∅ D [mm] Outer diameter | ∅ d [mm] Inner diameter | B [mm] Kerf | S [mm] Disc thickness | Z Teeth number | Teeth geometry | Rake angle ° | U.m. |
|---|---|---|---|---|---|---|---|---|---|
| o | PS450-0114-0001 | 0114 | 32 | 7,0 | 5,0 | 12 | GM | 5 | szt. |
| o | PS450-0125-0006 | 0125 | 22 | 6,0 | 4,1 | 32 | GM | 10 | szt. |
| o | PS450-0125-0002 | 0125 | 32 | 8,0 | 5,0 | 18 | GM | 10 | szt. |
| o | PS450-0150-0007 | 0150 | 30 | 7,0 | 5,0 | 36 | GM | 10 | szt. |
| o | PS450-0150-0004 | 0150 | 30 | 8,0 | 5,0 | 18 | GM | 15 | szt. |
| o | PS450-0160-0003 | 0160 | 32 | 5,0 | 3,0 | 36 | GM | 5 | szt. |
| o | PS450-0160-0008 | 0160 | 30 | 5,0 | 4,1 | 48 | GM | 5 | szt. |
| o | PS450-0180-0004 | 0180 | 20 | 6,0 | 4,8 | 24 | GM | 5 | szt. |
| o | PS450-0180-0001 | 0180 | 30 | 8,0 | 5,0 | 24 | GM | 15 | szt. |
| o | PS450-0200-0004 | 0200 | 30 | 6,0 | 4,0 | 32 | GM | 5 | szt. |
| o | PS450-0220-0001 | 0220 | 32 | 4,5 | 4,0 | 48 | GM | 5 | szt. |
| o | PS450-0250-0019 | 0250 | 30 | 5,0 | 3,9 | 40 | GM | 5 | szt. |
| o | PS450-0250-0034 | 0250 | 32 | 5,0 | 4,0 | 64 | GM | 5 | szt. |
| o | PS450-0250-0016 | 0250 | 40 | 6,0 | 5,0 | 40 | GM | 5 | szt. |
| o | PS450-0250-0015 | 0250 | 40 | 8,0 | 6,0 | 32 | GM | 5 | szt. |
| o | PS450-0275-0001 | 0275 | 40 | 8,0 | 6,0 | 32 | GM | 10 | szt. |
| o | PS450-0280-0003 | 0280 | 40 | 8,0 | 6,0 | 36 | GM | 5 | szt. |
| o | PS450-0300-0006 | 0300 | 30 | 8,0 | 6,0 | 16 | GM | 10 | szt. |
| o | PS450-0350-0008 | 0350 | 30 | 5,0 | 3,0 | 54 | GM | -5 | szt. |

INFO:
Saw blades for individual order after giving dimensions of the tool or on the basis of the drawing or on the basis of material to be processed.

Min. order quantity - acc. to individual agreement.

## Download

TechInfo_PS_eng.pdf
UserManual_PS_GLOBUS_eng.pdf

## Related products

Saw blades ALUEX -5º for aluminum and PVC profiles cutting

Saw blades ALUEX +5º for aluminum and PVC profiles cutting

Saw blades ALUEX MARATHON 1GA-5º for aluminum, non-ferrous metals and plastics profiles cutting

Saw blades ALUEX MARATHON 1GA+5º for aluminum, non-ferrous metals and plastics profiles cutting

Saw blades SEALUEX WB+15º for PVC window profiles with a rubber seal cutting

Saw blades SUPER ALUEX for cutting aluminum profiles made of alloys difficult to machine

Saw blades ALUEX -Cleaning PVC- for angle deburring machines for PVC windows

Saw blades ALUEX -Chamfering PVC- for chamfering glazing beads